

Claims

1 1. A coupler for a coaxial plug connectable with a
2 cable and capable of being used as an antenna coupler comprising:
3 an outer conductive sleeve of metal,
4 an insulator within said sleeve and a contact element
5 within said insulator,
6 said sleeve, said insulator and said contact element
7 being coaxial with one another, said sleeve being composed of a
8 plastically deformable sheet metal blank whose shape is formed by
9 stamping, punching, or cutting and whose sleeve shape is produced
10 by bending of the blank.

1 2. The coupler defined in claim 1 wherein the outer
2 conducted sleeve has a plug receiving region at one end said plug
3 receiving region being surrounded by a spring ring.

1 3. The coupler defined in claim 2 wherein the ring is
2 received between formations of said outer conductive sleeve on
3 opposite sides of said spring ring.

1 4. The coupler defined in claim 1 wherein said
2 insulator is formed with at least one circumferential outer ring.

1 5. The coupler defined in claim 4 wherein said outer
2 conductive sleeve has at least one bulge shaped enlargement
3 formed by upsetting, rolling and being and receiving said ring.

1 6 The coupler defined in claim 4 wherein said
2 insulator has at least one further ring spaced from the first
3 mentioned ring and dimensioned to enable said insulator to be
4 fitted axially into said outer conductive sleeve.

1 7. The coupler defined in claim 4 wherein said outer
2 conductive sleeve has at least two bulge shaped enlargements with
3 a constricted region between them.

1 8. The coupler defined in claim 7 wherein said outer
2 conductive sleeve has a third bulge shaped enlargement between
3 another of said bulge shaped enlargements and a cable connector
4 on the outer conductive sleeve.

1 9. The coupler defined in claim 1 wherein said outer
2 conductive sleeve is rolled onto said insulator.

1 10. The coupler defined in claim 1 wherein said outer
2 conductive sleeve is received in a support body having a
3 prelocking element engaged usually upon insertion of said outer
4 conductive sleeve in said support body and a locking slider
5 engageable with at least one bulge like enlargement in said outer
6 conductive sleeve for retaining said outer conductive sleeve in
7 said support body.

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